

Anti-Microbial Resistance (AMR) Monitoring Programme: GAL

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Type of samples received

- Poultry: Chicken cutlets, clean and dirty offal
- Beef: Clean and Dirty Offal
- Dairy: Milk and Milk Products

Microorganisms targeted:

- Salmonella and E. coli

Challenges

- Limited samples submitted
- Transport and Fuel
- No budget for samples – samples were to be bought from OK and TM supermarkets. The cash was to be remitted direct to the Entrepreneurs.

Total Samples Received: 299 poultry only

Antibiotic	Susceptibility (%)	Intermediate (%)	Resistance (%)	
Cotrimoxazole	50.0	5.4	44.4	
Cipro	45.5	11.4	43.1	
Ceftriaxone	92.6	2.3	5.0	
Ampicillin	51.8	8.0	40.1	
Cefepime	98.7	0	1.3	
Ertapenem	88.0	7.7	4.3	

Reagents

Reagent at hand	Quantity	Expiry Date
Chromogenic E. coli agar 500 g	9	Oct 2023
Salmonella Shigella agar 500g	8	Jan 2022
Lysine iron agar 500g	2	Jul 2023
Triple sugar iron agar 500g	2	Mar 2023
Kigler iron agar 500g	2	Mar 2023
Ciprofloxacin 5µg x 50	3	Nov 2020
Ertapenem 10µg x 50	3	Oct 2019
Ceftriaxone 30µg x 50	3	May 2019
Ampicillin 20µg x 50	3	May 2019
Cefepime 30µg x 50	3	Nov 2018
Sulfamethoxazole 23.75 µg x 50	3	Oct 2020
Cotrimoxazole	0	-

Wayforward

- Dedicated budget sent to departments accounts
- Support sampling plan
- Upgrade lab infrastructure (floors, sockets and drainage)
- Staff training ISO 17025:2017
- Accreditation ISO 17025:2017
- Replace expired antibiotics discs
- Office Equipment - LIMs

THANK-YOU